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10903 U.S. PTO  
09/832663  
04/11/01

# 2  
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6.8.01

Motorola Case No.: AP01965

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Anthony Polak et al.

Examiner: To Be Assigned

Serial No.: To Be Assigned

Group Art Unit No.: To Be Assigned

Filing Date:

For: *SENSOR DEVICE AND METHODS  
FOR MANUFACTURE*

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

10903 U.S. PRO  
09/832663  
04/11/01



The references now cited are the following:

### US PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME
3,877,784	4/15/75	Lin
4,058,732	11/15/77	Wieder
4,150,295	4/17/79	Wieder
4,344,438	8/17/82	Schultz
4,737,464	4/12/88	McConnell et al.
4,791,310	12/13/88	Honig et al.
5,061,076	10/29/91	Hurley
5,143,066	9/01/92	Komives et al.
5,496,997	3/05/96	Pope
5,660,848	8/26/97	Moo-Young
5,756,115	5/26/98	Moo-Young
5,814,449	9/29/98	Schultz et al.
5,871,628	2/16/99	Dabiri et al.
5,990,479	11/23/99	Weiss
5,995,860	11/30/99	Sun et al.
6,002,954	12/14/99	Van Antwerp et al.
6,011,984	1/04/00	Van Antwerp et al.
6,110,630	8/29/00	Reddy et al.
6,114,350	9/05/00	Randall et al.
6,163,714	12/19/00	Stanley et al.
US 6,177,684 B1	1/23/01	Sugiyama

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY
EP 0761159 A3-B1	03/18/98	EPO
WO 00/20862	04/13/00	PCT

### OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)

Sohrab Mansouri and Jerome S. Schultz, "A Miniature Optical Glucose Sensor Based On Affinity Binding", Biotechnology, 1984, pp 885-890
W. Rudolf Seitz, "Optical Sensors Based In Immobilized Reagents", Biosensors Fundamentals and Applications, Oxford University Press, copyright 1987, pp 599-603
D. L. Meadows and J. S. Schultz, "Design, Manufacture and Characterization of an Optical Fiber Glucose Affinity Sensor Based on An Homogeneous Fluorescence Energy Transfer Assay System", Analytica Chimica Acta 280, 1993, pp 21-30
Klaus Mosbach and Olof Ramström, "The Emerging Technique of Molecular Imprinting and Its Future on Biotechnology", Bio/Technogoly Vol. 14, 1996, pp 163-170

Margaret A. Hines et al., "Synthesis and Characterization of Strongly Luminescing ZnS-Capped CdSe Nanocrystals, J. Phys. Chem., 100, 1996, pp 468-471
Dmitri Ivnitski et al., "Biosensors for Detection of Pathogenic Bacteria", Biosensors and Bioelectronics 14, 1999, pp 599-624
Ryan J. Russell et al., "A Fluorescence-Based Glucose Biosensor Using Concanavalin A and Dextran Encapsulated In A Poly(ethylene glycol) Hydrogel", Analytical Chemistry Vo. 71, No. 15, 1999, pp. 3126-3132
M. Dittrich et al., "Branched Oligoester Microspheres Fabricated By A Rapid Emulsion Solvent Extraction Method", J. Microencapsulation, Vol. 17, No. 5, 2000, pp 587-598
J. Molpeceres et al., "Biodegradable Nanoparticles As A Delivery System For Cyclosporine: Preparation and Characterization", J. Microencapsulation, Vol. 17, No. 5, 2000, pp 599-614
Ralph Ballerstadt and Jerome S. Schultz, "A Fluorescence Affinity Hollow Fiber Sensor For Continuous Transdermal Glucose Monitoring", Analytical Chemistry Vol. 72 No. 17, 2000, pp 4185-4192
The Nut Factory: Kitchen: Interesting Facts: Chocolate Panning, "Panning Nuts in Chocolate", < <a href="http://www.the nutfactory.com/kitchen/facts/facts-chocolate-panning.html">http://www.the nutfactory.com/kitchen/facts/facts-chocolate-panning.html</a> >, 3/16/01, pp 1-4
John Franjione, Ph. D. et al. - Technology Today - Art & Science Microencapsulation, "The Art and Science of Microencapsulation", < <a href="http://www.swri.org/3pubs/ttoday/summer/microeng.htm">http://www.swri.org/3pubs/ttoday/summer/microeng.htm</a> >, 3/16/02, pp 1-7

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed simultaneously with the application specification and drawings therefore, no fees are believed to be due in connection with filing of this Information Disclosure Statement. However, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the listed documents be made of record in  
the present case.

Respectfully submitted,

Please forward all correspondence to:

Motorola, Inc.  
Intellectual Property Section  
Law Department  
1303 E. Algonquin Road  
Schaumburg, IL 60196

By: 

John J. King  
Attorney for Applicant(s)  
Registration No. 35,918

Phone: (847) 907-8923  
Fax: (847) 907-8896

FORM PT0-1449		SERIAL NO. To Be Assigned	CASE NO. AP01965
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)		FILING DATE:	GROUP ART UNIT:
		APPLICANT(S): Anthony Polak and Ralph Ballerstadt and Allyson Beuhler and Claudia Gamboa	

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**REFERENCE DESIGNATION                    U.S. PATENT DOCUMENTS**

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	A1	3,877,784	4/15/75	Lin		
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	A4	4,344,438	8/17/82	Schultz		
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	A10	5,660,848	8/26/97	Moo-Young		
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	A19	6,114,350	9/05/00	Randall et al.		
	A20	6,163,714	12/19/00	Stanley et al.		
	A21	US 6,177,684 B1	1/23/01	Sugiyama		

**FOREIGN PATENT DOCUMENTS**

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	A22	EP 0761159 A3-B1	03/18/98	EPO		
	A23	WO 00/20862	04/13/00	PCT		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
A24	Sohrab Mansouri and Jerome S. Schultz, "A Miniature Optical Glucose Sensor Based On Affinity Binding", Biotechnology, 1984, pp 885-890	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:  
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	A25	W. Rudolf Seitz, "Optical Sensors Based In Immobilized Reagents", Biosensors Fundamentals and Applications, Oxford University Press, copyright 1987, pp 599-603	
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	A27	Klaus Mosbach and Olof Ramström, "The Emerging Technique of Molecular Imprinting and Its Future on Biotechnology", Bio/Technogoly Vol. 14, 1996, pp 163-170	
	A28	Margaret A. Hines et al., "Synthesis and Characterization of Strongly Liminescing ZnS-Capped CdSe Nanocrystals, J. Phys. Chem., 100, 1996, pp 468-471	
	A29	Dmitri Ivnitski et al., "Biosensors for Detection of Pathogenic Bacteria", Biosensors and Bioelectronics 14, 1999, pp 599-624	
	A30	Ryan J. Russell et al., "A Flourescense-Based Glucose Biosensor Using Concanavalin A and Dextran Encapsulated In A Poly(ethylene glycol) Hydrogel", Analytical Chemistry Vo. 71, No. 15, 1999, pp. 3126-3132	
	A31	M. Dittrich et al., "Branched Oligoester Microspheres Fabricated By A Rapid Emulsion Solvent Extraction Method", J. Microencapsulation, Vol. 17, No. 5, 2000, pp 587-598	
	A32	J. Molpeceres et al., "Biodegradable Nanoparticles As A Delivery System For Cyclosporine: Preparation and Characterization", J. Microencapsulation, Vol. 17, No. 5, 2000, pp 599-614	
	A33	Ralph Ballerstadt and Jerome S. Schultz, "A Fluorescence Affinity Hollow Fiber Sensor For Continuous Transdermal Glucose Monitoring", Analytical Chemistry Vol. 72 No. 17, 2000, pp 4185-4192	
	A34	The Nut Factory: Kitchen: Interesting Facts: Chocolate Panning; "Panning Nuts in Chocolate", < <a href="http://www.the nutfactory.com/kitchen/facts/facts-chocolate-panning.html">http://www.the nutfactory.com/kitchen/facts/facts-chocolate-panning.html</a> >, 3/16/01, pp 1-4	
	A35	John Franjione, Ph. D. et al. - Technology Today - Art & Science Microencapsulation, 'The Art and Science of Microencapsulation', < <a href="http://www.swri.org/3pubs/ttoday/summer/microeng.htm">http://www.swri.org/3pubs/ttoday/summer/microeng.htm</a> >, 3/16/02, pp 1-7	

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